

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20040209133").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/18 14:08
S2	1	("6551731").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 16:54
S3	2	10/607696	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/18 14:11
S4	1	10/726162	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/18 14:13
S5	1	("20020155341").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/18 15:17
S6	51358	"429".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/18 15:17
S7	60	S6 and pervaporation with (membrane or film)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/18 16:09
S8	14	S6 and pervaporation with (membrane or film) same methanol	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/22 09:30
S9	17	fuel cell and pervaporation with (membrane or film) same methanol	EPO; JPO; DERWENT	ADJ	ON	2007/05/18 15:22
S10	5300	(429/34-39).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/18 16:11
S11	3	S10 and (reactant or fuel or air or oxidant) with flow with openings with plug	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/18 16:14
S12	30	S10 and shutter	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/18 16:18
S13	30	fuel cell and shutter	EPO; JPO; DERWENT	ADJ	ON	2007/05/18 16:23
S14	827	(regulat\$3 or control\$3) with (fluid or gas) with flow with plug with (openings or holes)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/18 16:28
S15	16	(regulat\$3 or control\$3) with (fluid or gas) with flow with plug with (openings or holes) same (planar or sheet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/18 16:32

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S16	2	(regulat\$3 or control\$3) with (fluid or gas) with flow with plug with (openings or holes) with (planar or sheet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/18 16:35
S17	2	(regulat\$3 or control\$3) with (fluid or gas) with flow with plug with (openings or holes) with (planar or sheet)	EPO; JPO; DERWENT	ADJ	ON	2007/05/21 10:35
S18	117	(regulat\$3 or control\$3) with (fluid or gas) with flow with plug with (openings or holes)	EPO; JPO; DERWENT	ADJ	ON	2007/05/18 16:58
S19	16	plate with protrusions with plug with openings	EPO; JPO; DERWENT	ADJ	ON	2007/05/18 16:58
S20	1	plate with plug with shutter with flow	EPO; JPO; DERWENT	ADJ	ON	2007/05/21 10:36
S21	3	plate with plug with shutter with flow	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 10:36
S22	1074	(plate or sheet or substrate) with (openings or apertures or holes) with (plugs or protrusions) with flow	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 11:06
S23	173	(plate or sheet or substrate) with (openings or apertures or holes) with (plugs or protrusions) with flow with (control\$4 or regulat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 11:59
S24	8	plug with angled with sides with (opening or apertures or holes) with seal\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 13:35
S25	50	plug with angled with (opening or apertures or holes) with seal\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 12:01
S26	1	("20030102032").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/21 12:00
S27	83	plug with angled with (opening or apertures or holes) same seal\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 12:03
S28	34	valve with plug with angled with (opening or apertures or holes)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 12:08
S29	103	valve with plug with wedg\$2 with (opening or apertures or holes)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 12:18
S31	9	plug with wedg\$2 with (opening or apertures or holes) with match\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 12:18

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S32	440	plug with angled with sides	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 13:36
S33	7	plug with angled with sides same flow with (regulat\$3 or control\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 13:39
S34	100	plug with wedg\$2 same flow with (regulat\$3 or control\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 14:00
S35	31	plug with wedg\$2 with (correspond\$3 or complementary) with (openings or holes or apertures)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:07
S36	1	("5687759").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/21 14:29
S37	30	("2339352"   "2566019"   "2708092"   "2899972"   "2900163"   "3282556"   "3379406"   "3476353"   "3537475"   "3791619"   "3913884"   "4911401"   "4961441"   "4967996"   "5017099"   "5213303").PN. OR ("5687759").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 14:29
S38	92	plug with (compliant or rubber) with (openings or apertures or holes) same flow with (control\$3 or regulat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 14:39
S39	569	plug with coating with seal\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:40
S40	1167	shutter with (protrusions or plugs)	EPO; JPO; DERWENT	ADJ	ON	2007/05/21 15:12
S41	6	shutter with (protrusions or plugs) same flow with (regulat\$3 or control\$4)	EPO; JPO; DERWENT	ADJ	ON	2007/05/21 15:15
S42	1425	plug with valve same flow with (regulat\$3 or control\$4)	EPO; JPO; DERWENT	ADJ	ON	2007/05/21 15:17
S43	4	plug with valve with wedg\$2 same flow with (regulat\$3 or control\$4)	EPO; JPO; DERWENT	ADJ	ON	2007/05/21 15:16
S44	2	plug with valve with (corresponding or complementary) with (holes or apertures or openings) same flow with (regulat\$3 or control\$4)	EPO; JPO; DERWENT	ADJ	ON	2007/05/21 15:18
S45	40	valve with plug with coating with seal\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:27

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S46	16	plug with coating with seal\$3 same flow with (regulat\$3 or control\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:53
S47	123	plug with coating same flow with (regulat\$3 or control\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:48
S48	569	plug with coating with seal\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/21 15:53